

## **ABSTRACT**

An elevator door closure control system and method are provided and include an elevator light screen signal detector module having first and second electrical connectors, a signal detection element configured to detect a carrier wave control signal and output a signal in response thereto, and a switch configured to change from a first state to a second state (or vice versa) in response to a signal detection element output signal or a control signal from a controller. The electrical connectors permit connection of the module to a light screen receiver array output and an elevator door controller input so as to place the switch in series with the receiver array output. The switch second state causes, in one aspect, the elevator doors to remain open for a preset time or until the light source array detects the arrival of an appliance, person, or object in its beam path(s).